

Abstract

[0044] A method, Proxy-Call State Control Function (PCSCF) and packet data network for creating packet filters for data flow mapping in the P-CSCF, and for their transmission to a
5 Packet Data Access Node (PDAN) such as a Packet Data Service Node (PDSN) of a CDMA2000 network. A packet data session is setup between a terminal such as Mobile Station (MS) and a Corresponding Node (CN) using Session Initiation Protocol (SIP). The P-CSCF gathers information related to the IP address and port numbers of the parties, of the data flows for the data session, as well as of the service instances between the terminal and the PDAN. Based on this information, the
10 P-CSCF creates a filter for mapping each data flow from the CN to the available service instances. The filter is sent to the PDAN, which installs and uses the filter and performs appropriate routing of the incoming data flows.